# 505476612 05/15/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5523416

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXEY V MONASTYRSKY	04/30/2019
MIKHAIL A PAVLYUSHCHIK	04/30/2019
VLADISLAV V PINTIYSKY	05/06/2019
DENIS V ANIKIN	04/30/2019
DMITRY A KIRSANOV	05/06/2019

#### **RECEIVING PARTY DATA**

Name:	AO KASPERSKY LAB	
Street Address:	39A/3 LENINGRADSKOE SHOSSE	
City:	MOSCOW	
State/Country:	RUSSIAN FEDERATION	
Postal Code:	125212	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16412499

#### **CORRESPONDENCE DATA**

**Fax Number:** (212)484-3990

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 212-484-3900

**Email:** patentdocket@arentfox.com

Correspondent Name: ARENT FOX LLP

Address Line 1: 1301 AVENUE OF THE AMERICAS

Address Line 2: FLOOR 42

Address Line 4: NEW YORK, NEW YORK 10019

ATTORNEY DOCKET NUMBER:	031185-01122	
NAME OF SUBMITTER:	MICHAEL FAINBERG	
SIGNATURE:	/Michael Fainberg/	
DATE SIGNED:	05/15/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT 505476612 REEL: 049180 FRAME: 0540

# **Total Attachments: 5** source=031185-01122DECS#page1.tif source=031185-01122DECS#page2.tif

source=031185-01122DECS#page3.tif

source=031185-01122DECS#page4.tif

source=031185-01122DECS#page5.tif

PATENT REEL: 049180 FRAME: 0541

DEC	LARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT
Fitle of Invention	SYSTEM AND METHOD OF FORMING A LOG WHEN EXECUTING A FILE WITH VULNERABILITIES IN A VIRTUAL MACHINE
As the belo	w named inventor, I declare that:
This declar is directed	to: The attached application, or
	United States application or PCT international application number
	dentified application was made or authorized to be made by ms.  I am the original inventor or an original joint inventor of a claimed invention in the application.
I have review	ved and understand the contents of the above-identified application, including the claims;
material to p became ava	ge the duty to disclose to the United States Patent and Trademark Office all information known to me to be atentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which ilable between the filing date of the prior application and the national or PCT International filing date of the -in-part application.
assign and sassignee, the and/or claim patents applied of said applied authorized a of the entire and covenar for Patent or its represent interference; papers, makinominaes to	d valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby self, set over to AO Kaspersky Lab, having an address at 39A/3 Leningradskoe Shosse, Moscow 125212, Russia, as elementering the self of the United States and all other countries in and to all inventions disclosed ed in the above-identified application, all original, divisional, continuation, substitute or reissue applications and led for or granted therefor in the United States and all other countries, including all rights of priority from the filting cation, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree the without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications in said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or actives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any so or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful the all rightful patent protection for said inventions in the United States and all other countries, the expenses incident to tions to be borne and paid by said assignee.
	gned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or which would conflict with this assignment.
believed to be	its made herein of my/our own knowledge are true, all statements made herein on information and belief are be true, and further that these statements were made with the knowledge that willful false statements and the like ble under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the e application or any patent issuing thereon.
LEGAL NA	ME OF INVENTOR
Inventor:	Denis V. Anikin Date : 09/30/2018
**Signature	and the state of t

\*\* An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation, and the person stands the correspondence must insert this or har own S-signature with a first single forward slash mark before and a second single forward slash mark after the S-signature (e.g., /Dr. James T. Jones, Jr./).

Initial 10/02/12

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT SYSTEM AND METHOD OF FORMING A LOG WHEN EXECUTING A FILE WITH Title of nvention VULNERABILITIES IN A VIRTUAL MACHINE As the below named inventor, I declare that: This declaration is directed to The attached application, or United States application or PCT international application number The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.58, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. For good and valuable consideration, the receipt and sufficiency of which is hereby arknowledged, it, as assignor, hereby selt, assign and set over to AO Kaspersky Lab, having an address at 39A/3 Leningradskoe Shosse, Moscow 125212. Russia, as assignee, the entire right, title and interest for the United States and all other countries in and to all inventions disclosed and/or daimed in the above-identified application, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past intringement, and the Commissioner of Patents and Trademarks is hereby sufficiency and requested to issue all patents on said inventions or resulting there from to said assignes herein, as assignes of the entire interest therein, and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful paths, and to do generally everything necessary to essist assignee, its successors, assigns and nominess to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee. The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the validity of the application or any patent issuing thereon LEGAL NAME OF INVENTOR Mikhail A. Pavlyushchik inventor enutarigi6\*\*

\*\* An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commes, periods, apostrophes, or hyphens for punctuation, and the person signing the correspondence must insert his or become S-signature with a first single forward slash mark before and a second single forward slash mark after the S-signature (a.g., 701, James T, Jones, 3r./).

Initial 10/02/12

Page # 1

AFEOCS/15292190.1

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT
Title of SYSTEM AND METHOD OF FORMING A LOG WHEN EXECUTING A FILE WITH INVENTION VULNERABILITIES IN A VIRTUAL MACHINE
As the below named inventor, I declare that:
This declaration is directed to:  The attached application, or
United States application or PCT international application number filed on
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I have reviewed and understand the contents of the above-identified application, including the claims.
I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby sell, assign and set over to AO Kaspersky Lab, having an address at 39A/3 Leningradskoe Shosse, Moscow 125212. Russia, as assignee, the entire right, title and interest for the United States and all other countries in and to all inventions disclosed and/or claimed in the above-identified application, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.
The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.
All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the validity of the application or any patent issuing thereon.
LEGAL NAME OF INVENTOR
Inventor: Dmitry A. Kirsanov Date: 05/06/2018
**Signature:

\*\* An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation, and the person signing five correspondence must insert his or her sum S-signature with a first single forward slash mark before and a second single forward slash mark after the S-signature (e.g., /Dr. James T, Jones, Jr./).

Initial 10/02/12

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT SYSTEM AND METHOD OF FORMING A LOG WHEN EXECUTING A FILE WITH Title of **VULNERABILITIES IN A VIRTUAL MACHINE** Invention As the below named inventor, I declare that: This declaration is directed to The attached application, or United States application or PCT international application number The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, as assignor, hereby sell, assign and set over to AO Kaspersky Lab, having an address at 39A/3 Leningradskoe Shosse, Moscow 125212, Russia, as assignee, the entire right, title and interest for the United States and all other countries in and to all inventions disclosed and/or claimed in the above-identified application, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful paths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee. The undersigned hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the validity of the application or any patent issuing thereon. LEGAL NAME OF INVENTOR Date: 05/06/2019 Vladislav V. Pintiysky Inventor \*\*Signature:

\*\* An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation, and this person significance must insert his or for own S-signature with a first single forward slash mark before and a second single forward slash mark after the S-signature (e.g., /Dr. James T. Jones, Jr./).

Initial 10/02/12

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT Tille of SYSTEM AND METHOD OF FORMING A LOG WHEN EXECUTING A FILE WITH lavestípa VULNERABILITIES IN A VIRTUAL MACHINE As the below named inventor, I declare that: This declaration is directed to: The attached application, or United States application or PCT international application number The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application, I have reviewed and understand the contents of the above-identified application, including the claims. I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, i, as assignor, hereby sell, assign and set over to AO Kaspersky Lab, having an address at 39A/3 Leningradskoe Shosse, Moscow 125212. Russia, as assignee, the entire right, title and interest for the United States and all other countries in and to all inventions disclosed and/or claimed in the above-identified application, all original, divisional, continuation, substitute or release applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting there from to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to teatify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said inventions in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee. The undersigned hereby coverants that no assignment, sale, agreement or encumprance has been or will be made or entered into which would conflict with this assignment. All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that within false statements and the like are punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both, and may jeopardize the validity of the application or any patent issuing thereon. LEGAL NAME OF INVENTOR Date: 04/30/2019 inventor: \*\*Signature:

"An electronic S-signature is permitted. The S-signature must consist only of letters, or Arabic numerals, or both, with appropriate spaces and commas, periods, apostrophes, or hyphens for punctuation, and the person signing the correspondence must insert his or her own S-signature with a first single forward stash mark before and a second single forward stash mark after the S-signature (9.9), (D). James T. Jones, Jr I).

Page # 1

Initial 10/02/12

AFDOCS/15292190.1

RECORDED: 05/15/2019